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(54) [Title of the Invention] FACSIMILE APPARATUS

(57) [Abstract]

[Object]

To select one or more of a transmission management report, a reception management report, a one-touch registration list and so on of internal management information and transmit the selected one by polling in a facsimile apparatus having a polling transmission function.

[Solution]

In a facsimile apparatus 11 on the polling transmission side, a password and registration information (indicating which document should be transmitted) of a polling document are recorded in a polling transmission information registration unit 24. When polling is requested, a communication control unit 21 performs confirmation in the polling transmission information registration unit 24. When internal management information is registered, a polling document generation request is sent to a conversion unit 22. The conversion unit 22 expands data of an internal management information memory 23 to a polling document memory 32, and then, the conversion unit 22 transmits the data by polling to a facsimile apparatus 12 on the reception side from a communication unit 33.

[Claims]

[Claim 1]

Facsimile apparatus which has a polling transmission function and can store a transmission document, characterized by comprising registering means for selecting one or more of a transmission management report, a reception management report, a one-touch registration list, and so on of internal management information and registering the selected one as a polling transmission document, and transmitting means for transmitting the internal management information by polling when the internal management information is registered in the registering means.

[Claim 2]

The facsimile apparatus according to claim 1, characterized in that the registering means comprises a communication control unit which selects and controls one or more of the transmission management report, the reception management report, the one-touch registration list, and so on of the internal management information, and a registration unit for registering polling transmission information selected by the communication control unit and a polling password.

[Claim 3]

The facsimile apparatus according to claim 2, characterized in that the communication control unit comprises a controller for selecting and controlling the internal management information, confirmation of the polling password, and confirmation control of a document registered in the registration unit as a polling transmission document, a polling

document memory for storing a polling document, and a communication unit.

[Claim 4]

The facsimile apparatus according to claim 1, characterized in that the transmitting means comprises an internal management information memory for storing the internal management information, a conversion unit which retrieves the corresponding document from the internal management memory when the internal management information is registered, converts the internal management information into a polling transmission document, and copies the polling transmission document in the polling document memory, and a communication unit for transmitting the polling transmission document by polling, the document being outputted from the polling document memory.

[Detailed Description of the Invention]

[0001]

[Field of the Invention]

The present invention relates to facsimile apparatus having a polling transmission function and, more particularly, to a polling transmission function of internal management information (a transmission management report, a reception management report, a one-touch registration list, and so on).

[0002]

[Prior Art]

Conventionally, in the case of such facsimile apparatus, when internal management information of the facsimile apparatus is requested on different facsimile apparatus, necessary internal management information is manually outputted once and

is stored again on the former facsimile apparatus, and then, the internal management information is transmitted to the different facsimile apparatus.

[0003]

[Problems to be Solved by the Invention]

However, in the above conventional facsimile apparatus, since it is difficult to automatically transmit internal management information to other facsimile apparatus, manual operations are required.

[0004]

The present invention is devised in view of the above conventional circumstances. Therefore, the present invention has as its object the provision of new facsimile apparatus which can solve the above defect resident in the prior art.

[0005]

[Means for Solving the Problems]

In order to attain the above object, facsimile apparatus of the present invention comprises means which selects one or more of a transmission management report, a reception management report, a one-touch registration list, and so on of internal management information and registers the selected one as a polling transmission document, and means for transmitting the internal management information by polling when the internal management information is registered in the polling transmission document.

[0006]

[Embodiment]

Next, a preferred embodiment of the present invention will be specifically described in accordance with the accompanying drawings.

[0007]

Figure 1 is a block structural diagram showing one embodiment of the present invention.

[0008]

Referring to Figure 1, facsimile apparatus of the present invention is constituted by a communication control unit 21, a conversion unit 22, an internal management information memory 23, and a polling transmission information registration unit 24. Further, the communication control unit 21 is constituted by a controller 31, a polling document memory 32, and a communication unit 33.

[0009]

Referring to Figure 1, the operation flow of the present invention will be discussed below.

[0010]

First, in a facsimile 11 on the polling transmission side, polling transmission is registered. At this point, instead of additionally storing a polling transmission document, registration is performed in the polling transmission information registration unit 24 so that one or more pieces of internal management information (a transmission management report, a reception management report, a one-touch registration list and so on) are selected and transmitted by polling. Moreover, a polling password is also registered.

[0011]

In order to know the internal management information of the facsimile 11 on the polling transmission side, a facsimile 12 on the polling reception side requests polling transmission to the facsimile 11 on the polling transmission side.

[0012]

The communication control unit 21 of the facsimile 11 on the polling transmission side, to which polling transmission is requested, transmits to the polling transmission information registration unit 24 a request to confirm the polling password and a request to confirm a document registered as a polling transmission document. When the corresponding polling transmission document is internal management information, the controller 31 of the communication control unit 21 transmits to the conversion unit 22 a request to convert the corresponding internal management information into a polling transmission document. In response to the request from the controller 31, the conversion unit 22 copies the corresponding document for the polling memory 32 from the internal management information memory 23. To the communication unit 33, the controller 31 transmits an instruction of transmitting a document of the polling document memory 32. The communication unit 33 performs polling transmission to the facsimile 12 on the polling reception side.

[0013]

Next, referring to the operation flowchart of Figure 2, the operations of the present invention will be described in detail.

[0014]

Referring to Figure 2, firstly in step S1, a polling password is registered in the polling transmission information registration unit 24. Then, in step S2, the controller 31 selects a polling document and thus internal management information of step S3 is selected.

[0015]

Subsequently, in step S4, a polling transmission document is selected by the controller 31. The selection of the polling transmission document is performed by selecting one or more of the following reports and list:

- (1) transmission management report
- (2) reception management report
- (3) one-touch registration list

.....

.....

The selection of the polling transmission document can be performed by inputting desired internal management information by using, for example, an inputting device such as a keyboard.

[0016]

The selection of the polling transmission document is the most notable characteristic of the present invention.

[0017]

The internal management information is selected as follows:

[0018]

1. When a transmission document not being promptly transmitted is left due to time designated transmission or re-dial call waiting → transmission management report

Even when a sender goes out and thus a facsimile having actually performed transmission is apart, a transmission result can be confirmed by outputting a transmission management report from another facsimile.

[0019]

2. When a facsimile is used as an alternative facsimile → a reception management report

The reception history of the alternative facsimile can be confirmed by the original facsimile.

[0020]

3. When sharing is demanded on the contents of one-touch registration in a network → a one-touch registration list

It is possible to refer to the one-touch registration list of a facsimile in the network.

[0021]

Subsequently, in step S5, polling transmission is requested by an external facsimile (the facsimile 12 on the polling reception side in the present embodiment of Figure 1).

[0022]

Next, in step S6, the current information of the selected internal management information is expanded to the polling document memory 32. In step S6, the controller 31 converts the selected internal management information into a polling transmission document by the conversion unit 22 and stores the document in the polling document memory 32.

[0023]

Subsequently, in step S7, the polling transmission document stored in the polling document memory 32 is outputted

to the communication unit 33 and is transmitted to the facsimile 12 on the polling reception side from the communication unit 33.
[0024]

When "normal" of step S8 is selected in step S2, the polling document set in the step S9 is expanded to the polling document memory 32, and polling transmission is performed to the facsimile 12 on the polling reception side as in the case where internal management information is selected via steps S5, S6, and S7.

[0025]

[Advantages of the Invention]

As described above, by using the facsimile apparatus of the present invention, it is possible to select one or more of a transmission management report, a reception management report, a one-touch registration list, and so on of internal management information and register the selected one as a polling transmission document. Thus, only necessary internal management information can be obtained from different facsimile apparatus via polling communication without the necessity for a manual operation.

[0026]

As an example, when confirmation is demanded on whether or not transmission is positively performed for a transmission document not being immediately transmitted due to time designated transmission or re-dial call waiting and so on, in the case where facsimile apparatus having actually performed transmission is not present nearby, internal management information (in this case, a transmission management report)

can be received from different facsimile apparatus by polling, so that it is possible to obtain an effect of confirming transmission without the necessity for a manual operation.

[Brief Description of the Drawings]

[Figure 1]

Figure 1 is a block structural diagram showing one embodiment of the present invention.

[Figure 2]

Figure 2 is a flowchart showing an example of the operation flow of the present invention.

[Description of Symbols]

- 11 ... facsimile (polling transmission side)
- 12 ... facsimile (polling reception side)
- 21 ... communication control unit
- 22 ... conversion unit
- 23 ... internal management information memory
- 24 ... polling transmission information registration unit
- 31 ... controller
- 32 ... polling document memory
- 33 ... communication unit
- 41 ... telephone line

Figure 1

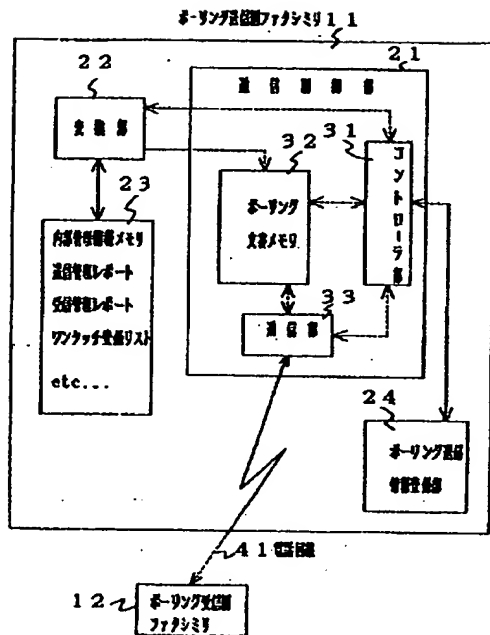
- 11 Facsimile on the polling transmission side
- 12 Facsimile on the polling reception side
- 21 Communication control unit
- 22 Conversion unit
- 23 Internal management information memory
 - Transmission management report
 - Reception management report
 - One-touch registration list
- 24 Polling transmission information registration unit
- 31 Controller
- 32 Polling document memory
- 33 Communication unit
- 41 Telephone line

Figure 2

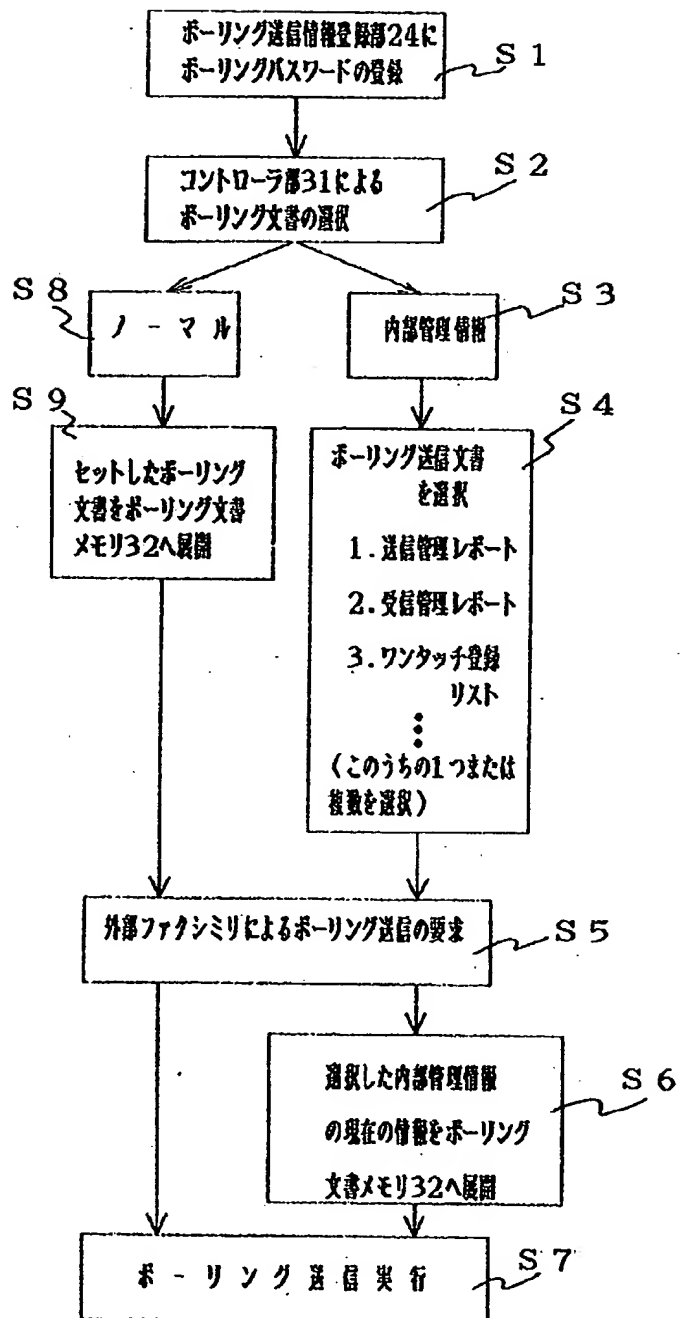
- S1 Register polling password in polling transmission information registration unit 24
- S2 Select polling document by controller 31
- S3 Internal management information
- S4 Select polling transmission document
 - 1. Transmission management report
 - 2. Reception management report
 - 3. One-touch registration list
 - (Select one or more)
- S5 Request polling transmission by external facsimile
- S6 Expand current information of selected internal management information to polling document memory 32

- S7 Polling transmission
- S8 Normal
- S9 Expand set polling document to polling document memory 32

【図1】



【図2】



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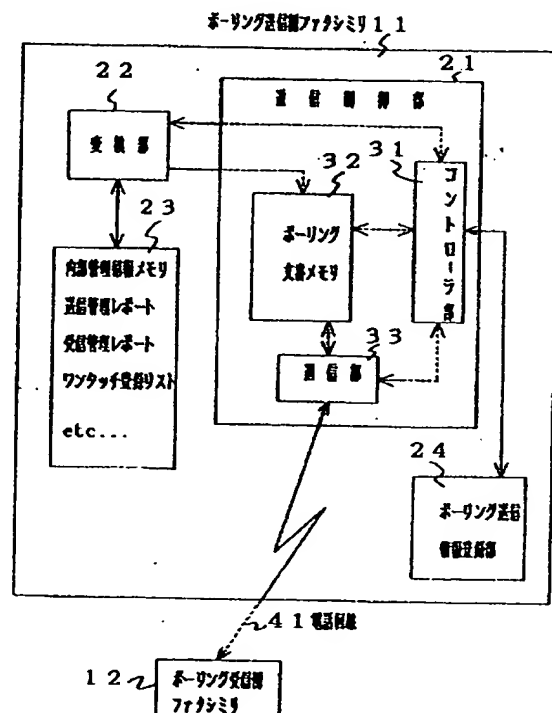
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(54)【発明の名称】 ファクシミリ装置

(57)【要約】

【目的】 ポーリング送信機能を有するファクシミリ装置において、内部管理情報の送信管理レポート、受信管理レポート、ワンタッチ登録リストなどの中から1つまたは複数を選択して、ポーリング送信する。

【構成】 ポーリング送信側ファクシミリ装置11において、ポーリング送信情報登録部24に、パスワードとポーリング文書の登録情報(送信する文書がどの文書であるか)が記録される。ポーリングの要求があると通信制御部21は、ポーリング送信情報登録部24で確認をおこない内部管理情報が登録されていれば、変換部22にポーリング文書作成要求を送る。変換部22は、内部管理情報メモリ23のデータをポーリング文書メモリ32に展開した後に、通信部33より受信側ファクシミリ装置12へポーリング送信する。



【特許請求の範囲】

【請求項1】 ポーリング送信機能を持ち送信文書を蓄積可能なファクシミリ装置において、内部管理情報の送信管理レポート、受信管理レポート、ワンタッチ登録リストなどの中からいずれか1つまたは複数を選択してポーリング送信文書として登録する登録手段と、前記登録手段に前記内部管理情報を登録したときに前記内部管理情報をポーリング送信する送信手段とを有することを特徴とするファクシミリ装置。

【請求項2】 前記登録手段は、前記内部管理情報の送信管理レポート、受信管理レポート、ワンタッチ登録リストなどの中からいずれか1つまたは複数を選択制御する通信制御部と、該通信制御部により選択されたポーリング送信情報及びポーリングパスワードを登録する登録部とを有することを更に特徴とする請求項1に記載のファクシミリ装置。

【請求項3】 前記通信制御部は、前記内部管理情報の選択制御及びポーリングパスワードの確認並びにポーリング送信文書として前記登録部に登録されている文書が何であるかの確認制御を行うコントローラ部と、ポーリング文書を格納するポーリング文書メモリと、通信部とを有することを更に特徴とする請求項2に記載のファクシミリ装置。

【請求項4】 前記送信手段は、内部管理情報が格納された内部管理情報メモリと、前記登録手段に前記内部管理情報が登録されたときに前記内部管理メモリから該当する文書を引き出して内部管理情報をポーリング送信文書に変換し該ポーリング送信文書をポーリング文書メモリに複写する変換部と、前記ポーリング文書メモリから出力されるポーリング送信文書をポーリング送信する通信部とを有することを更に特徴とする請求項1に記載のファクシミリ装置。

【発明の詳細な説明】

【0001】

【産業上の利用分野】 本発明は、ポーリング送信機能を持つファクシミリ装置に関し、特に、内部管理情報（送信管理レポート、受信管理レポート、ワンタッチ登録リストなど）のポーリング送信機能に関する。

【0002】

【従来の技術】 従来、この種のファクシミリ装置では、異なるファクシミリ装置側において前記ファクシミリ装置の内部管理情報を知りたい場合には、前記ファクシミリ装置側で人手を介して必要な内部管理情報を一度出力した後に再度蓄積させ、異なるファクシミリ装置側に送信していた。

【0003】

【発明が解決しようとする課題】 しかしながら、上述した従来のファクシミリ装置では、自動で他のファクシミリ装置へ内部管理情報を送信することが困難なために、人手を介する必要がある欠点があった。

【0004】 本発明は従来の上記実情に鑑みてなされたものであり、従って本発明の目的は、従来の技術に内在する上記欠点を解消することを可能とした新規なファクシミリ装置を提供することにある。

【0005】

【課題を解決するための手段】 上記目的を達成する為に、本発明に係るファクシミリ装置は、内部管理情報の送信管理レポート、受信管理レポート、ワンタッチ登録リストなどの中からいずれか1つまたは複数を選択してポーリング送信文書として登録する手段と、前記ポーリング送信文書に前記内部管理情報を登録したときに前記内部管理情報をポーリング送信する手段とを備えて構成される。

【0006】

【実施例】 次に、本発明をその好ましい一実施例について図面を参照しながら具体的に説明する。

【0007】 図1は本発明の一実施例を示すブロック構成図である。

【0008】 図1を参照するに、本発明に係るファクシミリ装置は、通信制御部21と、変換部22と、内部管理情報メモリ23と、ポーリング送信情報登録部24とを備えて構成されている。また、通信制御部21は、コントローラ部31と、ポーリング文書メモリ32と、通信部33とから構成されている。

【0009】 次に本発明の動作の流れを図1を参照して説明する。

【0010】 まず、ポーリング送信側ファクシミリ11において、ポーリング送信の登録をおこなう。このとき、ポーリング送信文書を新たに蓄積させるのではなく、内部管理情報（送信管理レポート、受信管理レポート、ワンタッチ登録リストなど）のいずれか1つまたは複数を選択してポーリング送信するように、ポーリング送信情報登録部24に登録する。さらに、ポーリングパスワードの登録もおこなう。

【0011】 ポーリング受信側ファクシミリ12は、ポーリング送信側ファクシミリ11の内部管理情報を知るために、ポーリング送信側ファクシミリ11へポーリング送信を要求する。

【0012】 ポーリング送信を要求されたポーリング送信側ファクシミリ11の通信制御部21は、ポーリングパスワードの確認と、ポーリング送信文書として登録されている文書が何であるかの確認要求をポーリング送信情報登録部24へ送る。該当するポーリング送信文書が内部管理情報のときには、通信制御部21のコントローラ部31は、該当する内部管理情報をポーリング送信文書に変換する要求を変換部22に送る。変換部22は、コントローラ部31から要求を受けて、内部管理情報メモリ23から該当する文書をポーリング文書メモリ32に複写する。コントローラ部31は、ポーリング文書メモリ32内の文書の送信指示を通信部33に送る。通信

部 3 3 は、ボーリング受信側ファクシミリ 1 2 へボーリング送信を行う。

【 0 0 1 3 】次に、図 2 の動作フローチャートを参照しながら本発明の動作を詳細に説明する。

【 0 0 1 4 】図 2 を参照するに、先ずステップ S 1 にてボーリング送信情報登録部 2 4 にボーリングパスワードを登録する。次にステップ S 2 によりコントローラ部 3 1 がボーリング文書の選択をおこない、それによってステップ S 3 の内部管理情報が選択される。

【 0 0 1 5 】次に、ステップ S 4 で、コントローラ部 3 1 によるボーリング送信文書の選択がおこなわれる。このボーリング送信文書の選択は、

- ①. 送信管理レポート
- ②. 受信管理レポート
- ③. ワンタッチ登録リスト

.....
.....

の中から 1 つまたは複数個の選択により実行される。このボーリング送信文書の選択は、例えばキーボード等の入力装置により所望の内部管理情報を入力することによって実行することができる。

【 0 0 1 6 】このボーリング送信文書の選択は、本発明の最大の特徴である。

【 0 0 1 7 】この内部管理情報の選択は、次のようなものである。

【 0 0 1 8 】 1. 時刻指定送信あるいは再発呼待ち文書など即時に送信されない送信文書を残している場合→送信管理レポート

外出などのために実際に送信を行ったファクシミリが離れた場所に存在する時でも、他のファクシミリから送信管理レポートを出力して送信結果の確認が可能になる。

【 0 0 1 9 】 2. 代替ファクシミリとして使用している場合→受信管理レポート

代替元ファクシミリから、代替ファクシミリの受信履歴の確認が可能になる。

【 0 0 2 0 】 3. ワンタッチ登録の内容をネットワーク内で共通に使用したい場合→ワンタッチ登録リスト
ネットワーク内のファクシミリのワンタッチ登録リストを参照することができる。

【 0 0 2 1 】続いて、ステップ S 5 により外部ファクシミリ (図 1 に示された本実施例においてはボーリング受信側ファクシミリ 1 2) によるボーリング送信の要求がなされる。

【 0 0 2 2 】次にステップ S 6 により、選択された内部管理情報の現在の情報がボーリング文書メモリ 3 2 へ展

開される。このステップ S 6 では、コントローラ部 3 1 は、選択した内部管理情報を変換部 2 2 によりボーリング送信文書に変換させてボーリング文書メモリ 3 2 に格納する。

【 0 0 2 3 】次いで、ステップ S 7 においてボーリング文書メモリ 3 2 に格納されたボーリング送信文書は、通信部 3 3 に出力され、通信部 3 3 からボーリング受信側ファクシミリ 1 2 に送信される。

【 0 0 2 4 】ステップ S 2 でステップ S 8 のノーマルが選択された場合には、ステップ S 9 にてセットされたボーリング文書は、ボーリング文書メモリ 3 2 に展開され、ステップ S 5、S 6、S 7 を介して内部管理情報が選択された場合と同様にボーリング受信側ファクシミリ 1 2 にボーリング送信がなされる。

【 0 0 2 5 】

【発明の効果】以上説明したように、本発明のファクシミリ装置を用いることにより、内部管理情報の送信管理レポート、受信管理レポート、ワンタッチ登録リストなどの中からいずれか 1 つまたは複数を選択してボーリング送信文書として登録できるために、異なるファクシミリ装置から、必要な内部管理情報だけを、人手を介さずにボーリング通信で入手できるという効果が得られる。

【 0 0 2 6 】一例として、時刻指定送信あるいは再発呼待ちなどで即時送信されない送信文書が確実に送信されたかを確認したいときに実際に送信をおこなったファクシミリ装置が近くにいる場合に、異なるファクシミリ装置から内部管理情報 (この場合、送信管理レポート) をボーリング受信することで、人手を介さずに容易に送信確認をおこなうことができるなどの効果が挙げられる。

【図面の簡単な説明】

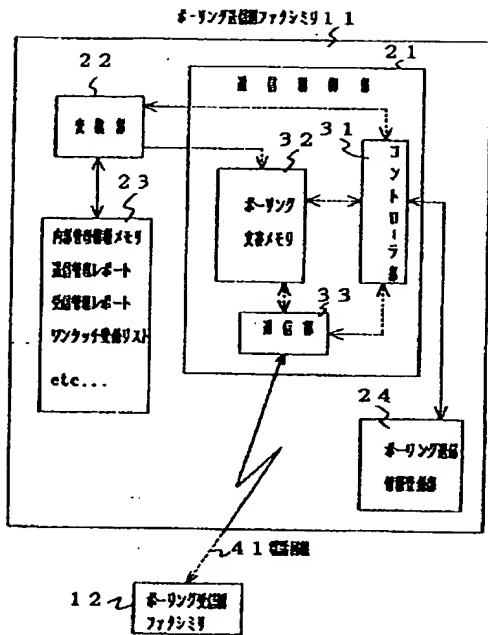
【図 1】本発明の一実施例を示すブロック構成図である。

【図 2】本発明の動作フローの一例を示すフローチャートである。

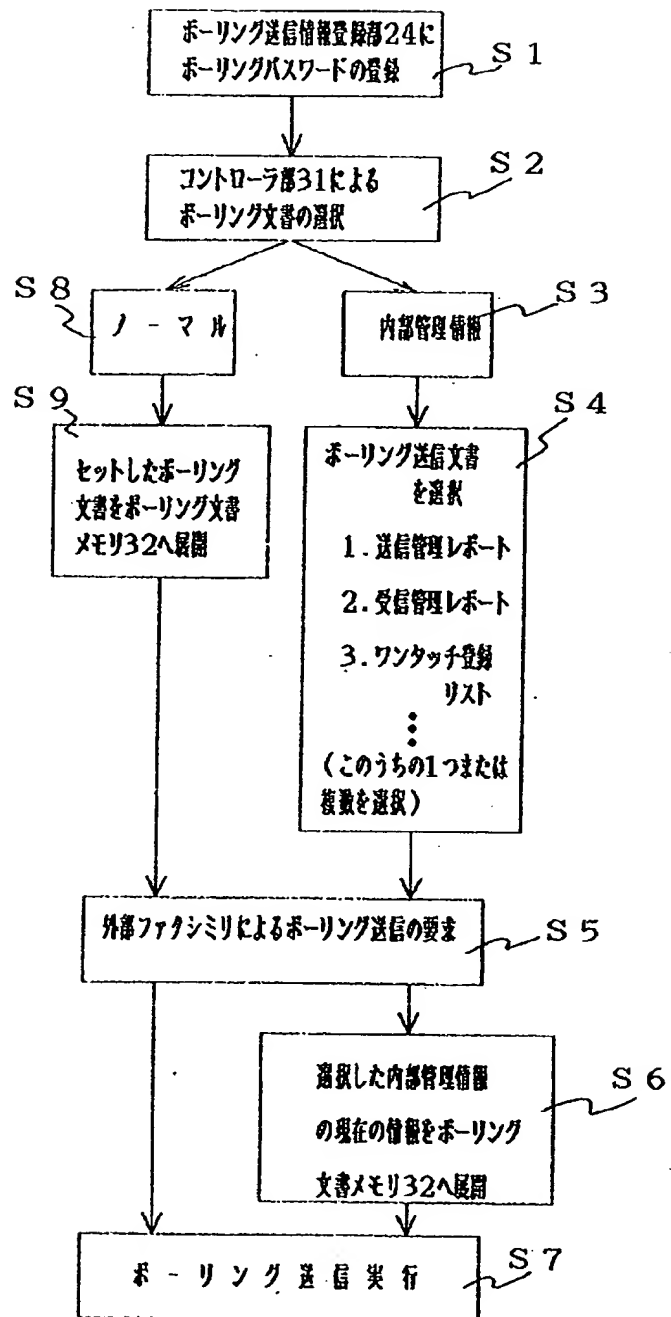
【符号の説明】

- 1 1 …ファクシミリ (ボーリング送信側)
- 1 2 …ファクシミリ (ボーリング受信側)
- 2 1 …通信制御部
- 2 2 …変換部
- 2 3 …内部管理情報メモリ
- 2 4 …ボーリング送信情報登録部
- 3 1 …コントローラ部
- 3 2 …ボーリング文書メモリ
- 3 3 …通信部
- 4 1 …電話回線

【図 1】



【図 2】



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(54) [Title of the Invention] FACSIMILE APPARATUS

(57) [Abstract]

[Object]

To select one or more of a transmission management report, a reception management report, a one-touch registration list and so on of internal management information and transmit the selected one by polling in a facsimile apparatus having a polling transmission function.

[Solution]

In a facsimile apparatus 11 on the polling transmission side, a password and registration information (indicating which document should be transmitted) of a polling document are recorded in a polling transmission information registration unit 24. When polling is requested, a communication control unit 21 performs confirmation in the polling transmission information registration unit 24. When internal management information is registered, a polling document generation request is sent to a conversion unit 22. The conversion unit 22 expands data of an internal management information memory 23 to a polling document memory 32, and then, the conversion unit 22 transmits the data by polling to a facsimile apparatus 12 on the reception side from a communication unit 33.

[Claims]

[Claim 1]

Facsimile apparatus which has a polling transmission function and can store a transmission document, characterized by comprising registering means for selecting one or more of a transmission management report, a reception management report, a one-touch registration list, and so on of internal management information and registering the selected one as a polling transmission document, and transmitting means for transmitting the internal management information by polling when the internal management information is registered in the registering means.

[Claim 2]

The facsimile apparatus according to claim 1, characterized in that the registering means comprises a communication control unit which selects and controls one or more of the transmission management report, the reception management report, the one-touch registration list, and so on of the internal management information, and a registration unit for registering polling transmission information selected by the communication control unit and a polling password.

[Claim 3]

The facsimile apparatus according to claim 2, characterized in that the communication control unit comprises a controller for selecting and controlling the internal management information, confirmation of the polling password, and confirmation control of a document registered in the registration unit as a polling transmission document, a polling

document memory for storing a polling document, and a communication unit.

[Claim 4]

The facsimile apparatus according to claim 1, characterized in that the transmitting means comprises an internal management information memory for storing the internal management information, a conversion unit which retrieves the corresponding document from the internal management memory when the internal management information is registered, converts the internal management information into a polling transmission document, and copies the polling transmission document in the polling document memory, and a communication unit for transmitting the polling transmission document by polling, the document being outputted from the polling document memory.

[Detailed Description of the Invention]

[0001]

[Field of the Invention]

The present invention relates to facsimile apparatus having a polling transmission function and, more particularly, to a polling transmission function of internal management information (a transmission management report, a reception management report, a one-touch registration list, and so on).

[0002]

[Prior Art]

Conventionally, in the case of such facsimile apparatus, when internal management information of the facsimile apparatus is requested on different facsimile apparatus, necessary internal management information is manually outputted once and

is stored again on the former facsimile apparatus, and then, the internal management information is transmitted to the different facsimile apparatus.

[0003]

[Problems to be Solved by the Invention]

However, in the above conventional facsimile apparatus, since it is difficult to automatically transmit internal management information to other facsimile apparatus, manual operations are required.

[0004]

The present invention is devised in view of the above conventional circumstances. Therefore, the present invention has as its object the provision of new facsimile apparatus which can solve the above defect resident in the prior art.

[0005]

[Means for Solving the Problems]

In order to attain the above object, facsimile apparatus of the present invention comprises means which selects one or more of a transmission management report, a reception management report, a one-touch registration list, and so on of internal management information and registers the selected one as a polling transmission document, and means for transmitting the internal management information by polling when the internal management information is registered in the polling transmission document.

[0006]

[Embodiment]

Next, a preferred embodiment of the present invention will be specifically described in accordance with the accompanying drawings.

[0007]

Figure 1 is a block structural diagram showing one embodiment of the present invention.

[0008]

Referring to Figure 1, facsimile apparatus of the present invention is constituted by a communication control unit 21, a conversion unit 22, an internal management information memory 23, and a polling transmission information registration unit 24. Further, the communication control unit 21 is constituted by a controller 31, a polling document memory 32, and a communication unit 33.

[0009]

Referring to Figure 1, the operation flow of the present invention will be discussed below.

[0010]

First, in a facsimile 11 on the polling transmission side, polling transmission is registered. At this point, instead of additionally storing a polling transmission document, registration is performed in the polling transmission information registration unit 24 so that one or more pieces of internal management information (a transmission management report, a reception management report, a one-touch registration list and so on) are selected and transmitted by polling. Moreover, a polling password is also registered.

[0011]

In order to know the internal management information of the facsimile 11 on the polling transmission side, a facsimile 12 on the polling reception side requests polling transmission to the facsimile 11 on the polling transmission side.

[0012]

The communication control unit 21 of the facsimile 11 on the polling transmission side, to which polling transmission is requested, transmits to the polling transmission information registration unit 24 a request to confirm the polling password and a request to confirm a document registered as a polling transmission document. When the corresponding polling transmission document is internal management information, the controller 31 of the communication control unit 21 transmits to the conversion unit 22 a request to convert the corresponding internal management information into a polling transmission document. In response to the request from the controller 31, the conversion unit 22 copies the corresponding document for the polling memory 32 from the internal management information memory 23. To the communication unit 33, the controller 31 transmits an instruction of transmitting a document of the polling document memory 32. The communication unit 33 performs polling transmission to the facsimile 12 on the polling reception side.

[0013]

Next, referring to the operation flowchart of Figure 2, the operations of the present invention will be described in detail.

[0014]

Referring to Figure 2, firstly in step S1, a polling password is registered in the polling transmission information registration unit 24. Then, in step S2, the controller 31 selects a polling document and thus internal management information of step S3 is selected.

[0015]

Subsequently, in step S4, a polling transmission document is selected by the controller 31. The selection of the polling transmission document is performed by selecting one or more of the following reports and list:

- (1) transmission management report
- (2) reception management report
- (3) one-touch registration list

.....

.....

The selection of the polling transmission document can be performed by inputting desired internal management information by using, for example, an inputting device such as a keyboard.

[0016]

The selection of the polling transmission document is the most notable characteristic of the present invention.

[0017]

The internal management information is selected as follows:

[0018]

1. When a transmission document not being promptly transmitted is left due to time designated transmission or re-dial call waiting → transmission management report

Even when a sender goes out and thus a facsimile having actually performed transmission is apart, a transmission result can be confirmed by outputting a transmission management report from another facsimile.

[0019]

2. When a facsimile is used as an alternative facsimile → a reception management report

The reception history of the alternative facsimile can be confirmed by the original facsimile.

[0020]

3. When sharing is demanded on the contents of one-touch registration in a network → a one-touch registration list

It is possible to refer to the one-touch registration list of a facsimile in the network.

[0021]

Subsequently, in step S5, polling transmission is requested by an external facsimile (the facsimile 12 on the polling reception side in the present embodiment of Figure 1).

[0022]

Next, in step S6, the current information of the selected internal management information is expanded to the polling document memory 32. In step S6, the controller 31 converts the selected internal management information into a polling transmission document by the conversion unit 22 and stores the document in the polling document memory 32.

[0023]

Subsequently, in step S7, the polling transmission document stored in the polling document memory 32 is outputted

to the communication unit 33 and is transmitted to the facsimile 12 on the polling reception side from the communication unit 33.
[0024]

When "normal" of step S8 is selected in step S2, the polling document set in the step S9 is expanded to the polling document memory 32, and polling transmission is performed to the facsimile 12 on the polling reception side as in the case where internal management information is selected via steps S5, S6, and S7.

[0025]

[Advantages of the Invention]

As described above, by using the facsimile apparatus of the present invention, it is possible to select one or more of a transmission management report, a reception management report, a one-touch registration list, and so on of internal management information and register the selected one as a polling transmission document. Thus, only necessary internal management information can be obtained from different facsimile apparatus via polling communication without the necessity for a manual operation.

[0026]

As an example, when confirmation is demanded on whether or not transmission is positively performed for a transmission document not being immediately transmitted due to time designated transmission or re-dial call waiting and so on, in the case where facsimile apparatus having actually performed transmission is not present nearby, internal management information (in this case, a transmission management report)

can be received from different facsimile apparatus by polling, so that it is possible to obtain an effect of confirming transmission without the necessity for a manual operation.

[Brief Description of the Drawings]

[Figure 1]

Figure 1 is a block structural diagram showing one embodiment of the present invention.

[Figure 2]

Figure 2 is a flowchart showing an example of the operation flow of the present invention.

[Description of Symbols]

- 11 ... facsimile (polling transmission side)
- 12 ... facsimile (polling reception side)
- 21 ... communication control unit
- 22 ... conversion unit
- 23 ... internal management information memory
- 24 ... polling transmission information registration unit
- 31 ... controller
- 32 ... polling document memory
- 33 ... communication unit
- 41 ... telephone line

Figure 1

- 11 Facsimile on the polling transmission side
- 12 Facsimile on the polling reception side
- 21 Communication control unit
- 22 Conversion unit
- 23 Internal management information memory
 - Transmission management report
 - Reception management report
 - One-touch registration list
- 24 Polling transmission information registration unit
- 31 Controller
- 32 Polling document memory
- 33 Communication unit
- 41 Telephone line

Figure 2

- S1 Register polling password in polling transmission information registration unit 24
- S2 Select polling document by controller 31
- S3 Internal management information
- S4 Select polling transmission document
 - 1. Transmission management report
 - 2. Reception management report
 - 3. One-touch registration list
 - (Select one or more)
- S5 Request polling transmission by external facsimile
- S6 Expand current information of selected internal management information to polling document memory 32

- S7 Polling transmission
- S8 Normal
- S9 Expand set polling document to polling document memory 32

【図2】

